
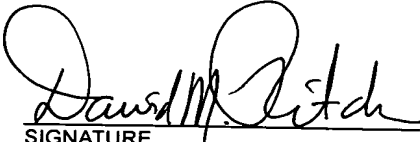


<p>FORM PTO-1390 (REV. 12-2004)</p> <p style="text-align: center;">U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p style="text-align: center;">TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</p>		<p>ATTORNEY'S DOCKET NUMBER 469.1119</p> <p>U.S. APPLICATION NO. (If known, see 37 CFR 1.5 Unassigned) 10/532345</p>
<p>INTERNATIONAL APPLICATION NO. PCT/GB 03/04987</p>	<p>INTERNATIONAL FILING DATE November 18, 2003</p>	<p>PRIORITY DATE CLAIMED November 19, 2002</p>
<p>TITLE OF INVENTION SAMPLE INSPECTION APPARATUS FOR COMBINING NMR WITH ESR OR ICR-MASS SPECTROSCOPY</p>		
<p>APPLICANT(S) FOR DO/EO/US Neil KILLORAN et al.</p>		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: PCT Publication WO 2004/046743 A1, PCT/RO101, PCT/IB/308, PCT/ISA/220, Search Report (Form PCT/ISA/210) 		

U.S. APPLICATION NO. (known) 107532345 Unassigned		INTERNATIONAL APPLICATION NO. PCT/GB 03/04987		ATTORNEY'S DOCKET NUMBER 469.1119	
21. <input checked="" type="checkbox"/> The following fees are submitted:				APPLICANT USE	OFFICE USE ONLY
<input checked="" type="checkbox"/> a) Basic National Fee \$300.00				\$300.00	
<input checked="" type="checkbox"/> b) Examination Fee..... \$200.00				\$200.00	
<input checked="" type="checkbox"/> c) Search Fee \$500.00				\$500.00	
TOTAL OF ABOVE CALCULATIONS = \$1000.00				\$1000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each addition 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Rate		
* - 100 =	*/50=		X 250.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	31 - 20 =	11	x \$50.00	\$550.00	
Independent	2 - 3 =	0	X \$200.00	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$360.00	
TOTAL OF ABOVE CALCULATIONS =				\$2,040.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$2,040.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$2,040.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$	
TOTAL FEES ENCLOSED =				\$2,040.00	
Amount to be refunded:					\$
Amount to be charged:					\$
a. <input checked="" type="checkbox"/> A check in the amount of \$2,040.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-3935</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: USPTO CUSTOMER NO.					
 21171 PATENT TRADEMARK OFFICE					
Staas & Halsey LLP 1201 New York Avenue, N.W., Suite 700 Washington, DC 20005			<div style="text-align: center;">  SIGNATURE David M. Pitcher NAME 25.908 REGISTRATION NUMBER </div>		

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE JC15 Rec'd PCT/PTO 22 APR 2005

In re the Application under 35 USC § 371 of:

Neil KILLORAN et al.

International Serial No.: PCT/GB 03/04987
International Filing Date: 18 November 2003

Group Art Unit: Unassigned

U.S. Filing Date:

Examiner: Unassigned

For: SAMPLE INSPECTION APPARATUS FOR COMBINING NMR WITH ESR OR ICR-MASS
SPECTROSCOPY

LETTER

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Attn: United States Designated/Elected Office (DO/EO/US)

Sir:

Applicants submit herewith for filing an application under 35 U.S.C. §371, including the Transmittal Letter to the United States Designating/Elected Office (DO/EO/US) (Form PTO-1390), application, including specification, drawings and claims, and Preliminary Amendment for national stage examination, Notice Informing the Applicant of the Communication of the International Application to the Designated Offices (Form PCT/IB/308), Request for International Patent Application as filed (Form PCT/RO/101), International Application Publication WO 2004/046743 A1, and an International Search Report (Forms PCT/ISA/210, 220).

Applicants\inventors for the U.S. national stage are:

Neil KILLORAN
Address:
23 The Warren
Abingdon
Oxon OX14 3XD
United Kingdom

Residence: United Kingdom
Citizenship: United Kingdom

Francis John TRUNDLE
Address:
11 The Vale
Ovingdean
East Sussex BN2 7AB
United Kingdom

Residence: United Kingdom
Citizenship: United Kingdom

Francis John BROWN
14 Westfield Road
Benson
Oxfordshire OX10 6NJ
United Kingdom

Residence: United Kingdom
Citizenship: United Kingdom

Respectfully submitted,

STAAS & HALSEY LLP

Date: April 22, 2005

By: David M. Pitcher
David M. Pitcher
Registration No. 25,908

1201 New York Ave, N.W., Suite 700
Washington, D.C. 20005
Telephone: (202) 434-1500
Facsimile: (202) 434-1501